



APS NOTES:

1. PUSH BUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSH BUTTONS IS TO BE MEASURED FROM FACE OF PUSH BUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:

TO CROSS SCHOOL ENTRANCE AT GREENBELT ROAD.

- A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS SCHOOL ENTRANCE AT GREENBELT, WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TO CROSS 63RD AVENUE AT GREENBELT ROAD.

- A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS 63RD AT GREENBELT, WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TO CROSS GREENBELT ROAD AT 63RD AVENUE.

- A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS GREENBELT AT 63RD, WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

GEOMETRIC CONSTRUCTION DETAILS:

- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12).
B. INSTALL DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40).
C. INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
D. BEGIN 12:1 RAMP.
E. BEGIN 48:1 LEVEL LANDING AREA.
F. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
G. TIE NEW CURB TO EXISTING CURB AT JOINT.
H. REMOVE EXISTING RAMP, INSTALL NEW SIDEWALK AND TIE TO EXISTING SIDEWALK.
J. REMOVE EXISTING SIDEWALK RAMP AND BACKFILL WITH SEED AND MULCH.
K. ADJUST MANHOLE BY OTHERS.

TOD NO: XX354-41
SHA NO: PG901A5F/K5F
MD 193 @ 63rd Avenue

MD 193 (GREENBELT RD)

LEGEND SYMBOL

- 48" SIGNAL POLE FOUNDATION
- 36" SIGNAL POLE FOUNDATION
- 24" PED POLE FOUNDATION
- 18" PED POLE FOUNDATION W/SIGN AND PUSHBUTTON
- PED SIGN
- PED PUSHBUTTON
- SIGNAL CABINET W/PAD
- POWER PEDESTAL
- HANDHOLE

GEOMETRIC LEGEND

- EXISTING SIDEWALK/ CURB JOINT
- NEW SIDEWALK AND ADA HANDICAP RAMP
- SEED AND MULCH

NOTE:
SIDEWALK JOINTS ARE APPROXIMATELY LOCATED.

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SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 193 (GREENBELT RD) AT 63RD AVE
BERWYN HEIGHTS, MD

GEOMETRIC PLAN SHEET

SCALE 1" = 10' DATE 08/2010 CONTRACT NO. XX3545168R

DESIGNED BY XM COUNTY PRINCE GEORGE'S
DRAWN BY XM LOGMILE 16019305.58
CHECKED BY JB TMS NO. K019
F.A.P. NO. TOD NO.

TS NO. 1279B DRAWING - OF SHEET NO. 2 OF 3

PLOTTED: Thursday, May 26, 2011 AT 08:47 AM
FILE: P:\09-002 TEDD\Task 14 MD 193 @ 63rd Ave\Drawings\Working\SG-F002_MD193@63rdAve.dgn